USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: February 19, 2009

Mr. Wayne Budrus
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Budrus:

Summaries of the 1983-2008 gypsy moth program conducted at five U.S. Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations (Figures 1a-1e). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

In 2008 trap catches at Deer Creek Lake and Paint Creek Lake were one and zero male moths, respectively. The trap catch averages at Alum Creek and Dillon Lake decreased from eight to six male moths per trap. Delaware Lake trap averages have increased to six male moths per trap.

Based on the results of the trapping program at each Corps site, gypsy moth populations will not have an impact on the forest resources at these sites in the immediate future.

Figures 2a-2e show the 2008 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each figure show close-ups of the STS results in relation to the Corps site properties. For more information regarding the STS program, visit http://www.gmsts.org.

It is important for Corps to look for other gypsy moth life stages while performing their normal duties. Visit our GM Digest web site located at http://www.na.fs.fed.us/fhp/gm/index.shtm for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity at all five Corps sites in 2009. Thank you for your continued cooperation and if you have any questions regarding these results, please call me at (304) 285-1556.

Sincerely,

KAREN FELTON
Biologist
Forest Health Protection

Enclosures

cc: Joe Williams, Park Ranger, Alum Creek

Susan Maynaird, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Dave Adkins, OHDA
Dan Balser, OHDA
Patricia Hixon, Paint Creek Lake

KDF/blm

Table 1.—Summary of the 1983-2008 gypsy moth trapping results, Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	9
1986	15	1	--
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	4	2, 3, 11, 15
1991	15	2	7, 10
1992	15	7	1, 2, 4, 6, 7, 11
1993	15	12	All except 1, 2, 7, 9, 12, 13
1994	15	3	3, 12
1995	13	3	1, 5,7
1996	15	1	14
1997	15	14	1-4, 8-13
1998	15	10	2, 3, 8-11, 15
1999	15	36	1, 2, 4, 7, 9-11, 13, 14
2000	15	21	12,6-10, 12, 13
2001	15	78	--
2002	15	--	No Data
2003	15	44	1-13
2004	15	18	All except 1-4, 15
2005	15	56	All except 5, 13, 15
2006	15	112	All except 10
2007	15	114	All
2008	15	88	All

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	13	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	1	15
1990	15	0	- -
1991	15	0	- -
1992	15	3	6, 7, 13
1993	15	3	1, 6
1994	15	0	- -
1995	18	0	- -
1996	18	1	10
1997	20	6	1, 2, 10, 16
1998	15	1	13
1999	14	1	1
2000	15	4	12
2001	15	3	- -
2002	15	0	--
2003	15	3	5,9
2004	20	2	11, 13
2005	20	4	6, 8, 15
2006	20	3	12, 14, 20
2007	20	1	13
2008	20	1	20

Delaware Lake (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	18	0	- -
1986	15	0	- -
1987	15	0	- -
1988	12	0	- -
1989	12	0	- -
1990	12	0	- -
1991	10	0	- -
1992	10	1	9
1993			No traps deployed
1994	12	0	- -
1995	15	3	4, 12, 13
1996	15	1	14
1997	15	45	2-5, 7-13, 15
1998	15	3	2, 7, 13
1999	15	74	All
2000	15	9	1, 2, 6, 9, 11, 12,13
2001	15	68	- -
2002	14	37	All except # 2, 3
2003	15	18	1, 2, 5, 8, 12, 13
2004	15	11	1, 12, 14, 15
2005	15	22	All except 5, 6, 10
2006	15	55	All
2007	15	77	All
2008	15	90	All

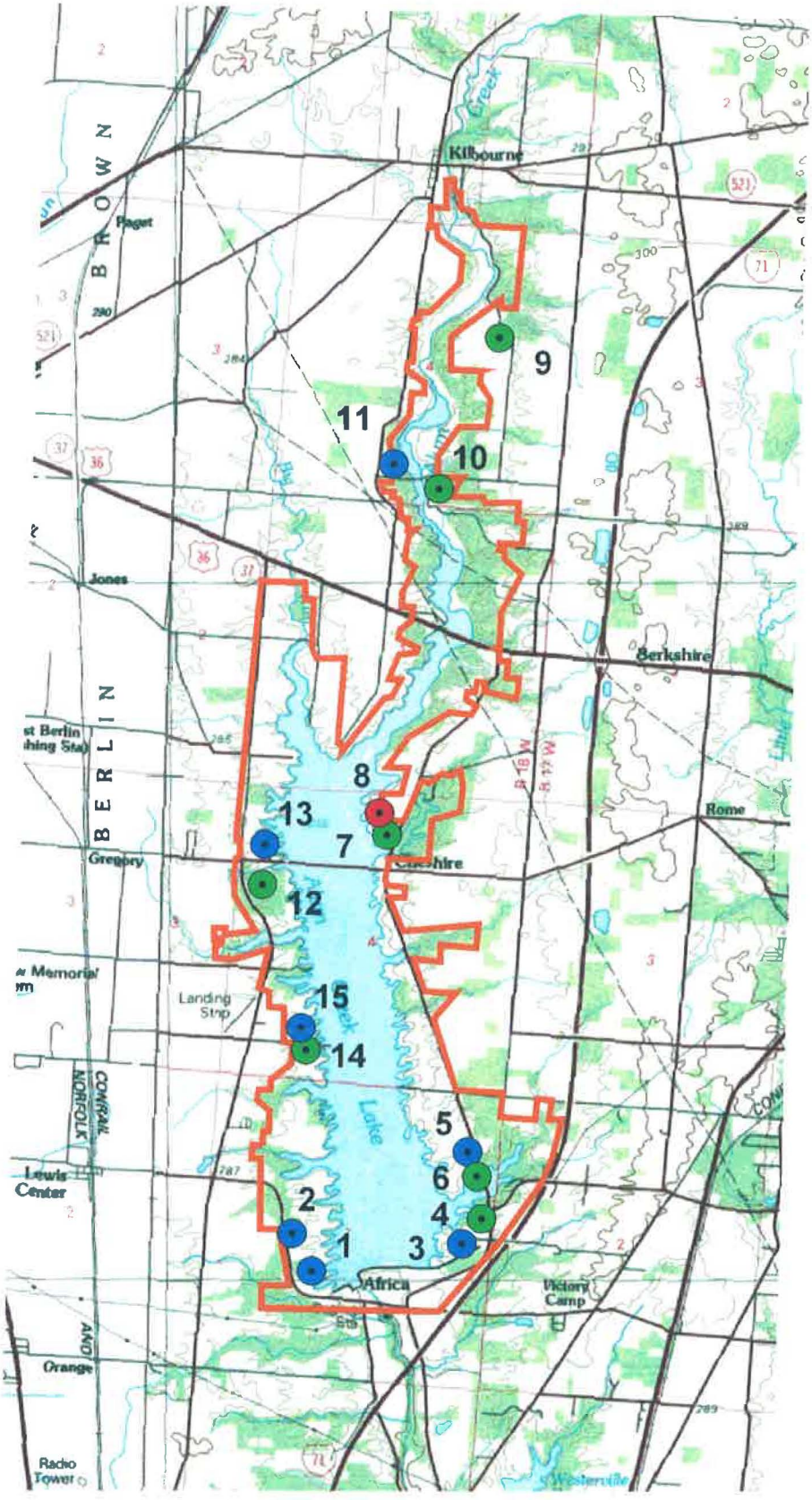
Dillon Lake (Muskingum County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	4	4, 11
1987	15	0	- -
1988	16	0	- -
1989	16	9	2, 6, 8, 11-13,15
1990	16	0	- -
1991	16	11	4-6, 8, 9, 11, 13, 14, 16
1992	16	31	All except 4, 7, 8, 16
1993	3	6	17, 18
1994	16	15	2, 5, 6, 12, 13, 14, 15
1995	- -	- -	Traps not deployed
1996	14	21	1, 3, 7, 8, 11-13
1997	15	27	1, 2, 5, 8, 10-12, 15
1998	14	141	All except 11
1999	15	224	All
2000	15	241	All
2001	15	208	- -
2002	11	128	All
2003	--	--	Traps not deployed
2004	14	95	All except 7
2005	14	83	All except 3, 13
2006	13	83	All
2007	14	106	All
2008	14	78	All

Paint Creek Lake (Highland and Ross Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	10	0	--
1985	10	0	--
1986	12	3	Trap # 2
1987	12	0	--
1988	10	0	--
1989	10	6	Trap # 5,7,8,
1990			No Data
1991	10	0	--
1992	12	0	--
1993	14	0	--
1994	13	6	Traps # 3, 4, 12, 13
1995	14	15	Traps # 3,4,10-13
1996	13	10	Traps # 3,4,8,9,11,13
1997	14	21	Trap # 2, 7-13
1998			No Data
1999	15	8	Trap # 3-5. 8, 1, 13
2000	13	8	Trap # 2, 3, 7, 8,10-12
2001	13	5	Trap # 1, 3, 7-10, 13
2002	13	1	Trap # 4
2003	13	1	Trap # 4
2004	13	2	Trap # 9, 11
2005	13	1	Trap # 1
2006	0	0	No Data
2007	0	0	No Data
2008	0	0	--

Figure 1a.--2008 gypsy moth trap locations at Alum Creek Lake.



Legend

Trap locations

- 1 - 5 moths per trap
- 6 - 10 moths per trap
- 11 - 15 moths per trap
- Approximate Project boundary

0 0.5 1 2 Miles

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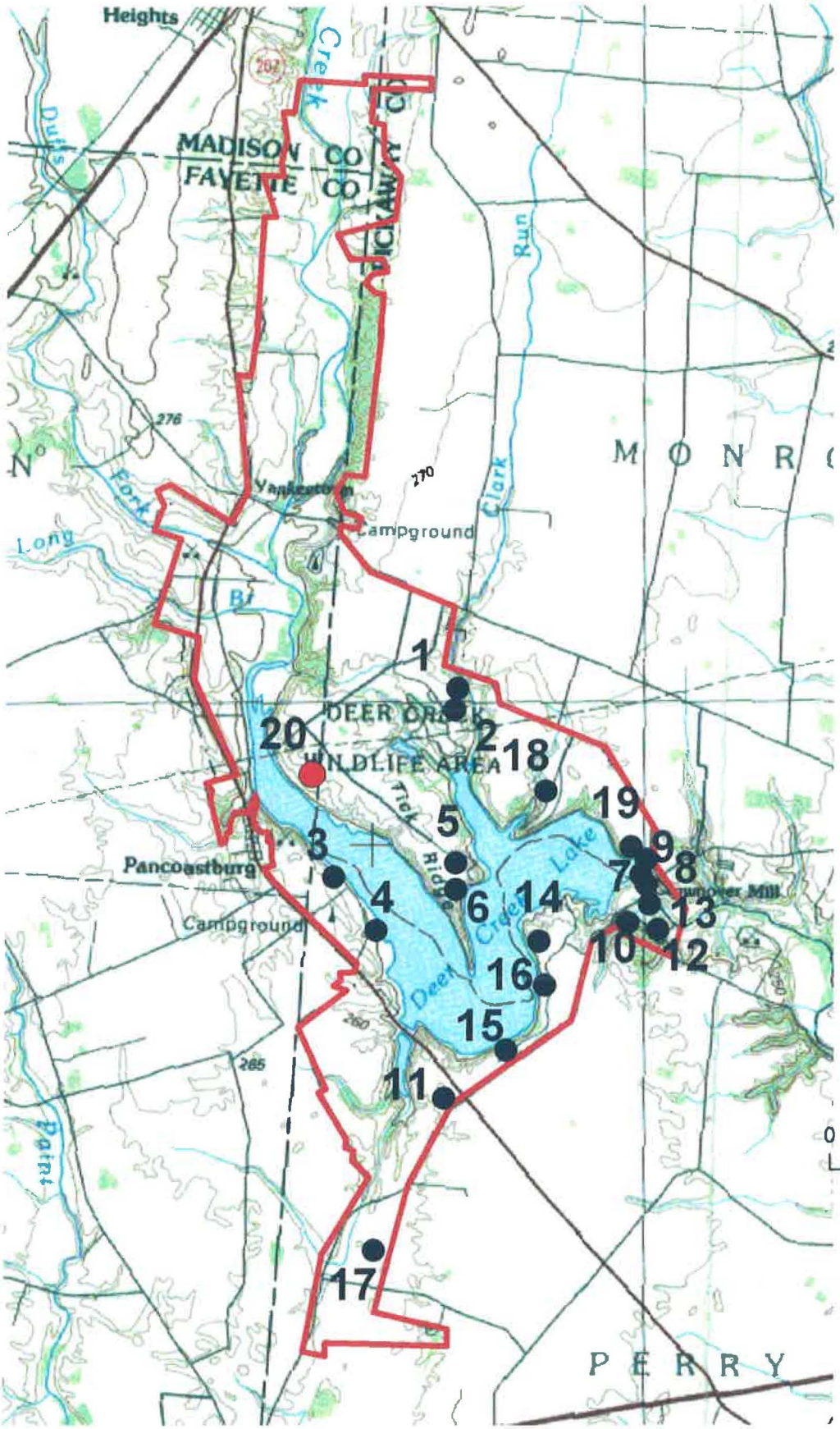
2/09 KDF

Figure 1b.--2008 gypsy moth trap locations at Deer Creek Lake.



Legend

Trap locations

- 0 moths per trap
- 1 moth per trap
- Approximate Project boundary

N
W E
S

0 0.5 1 2 Miles

USDA Forest Service, State & Private Forestry, Morgantown, WV

2/09 KDF

Figure 1c.--2008 gypsy moth trap locations at Delaware Lake.

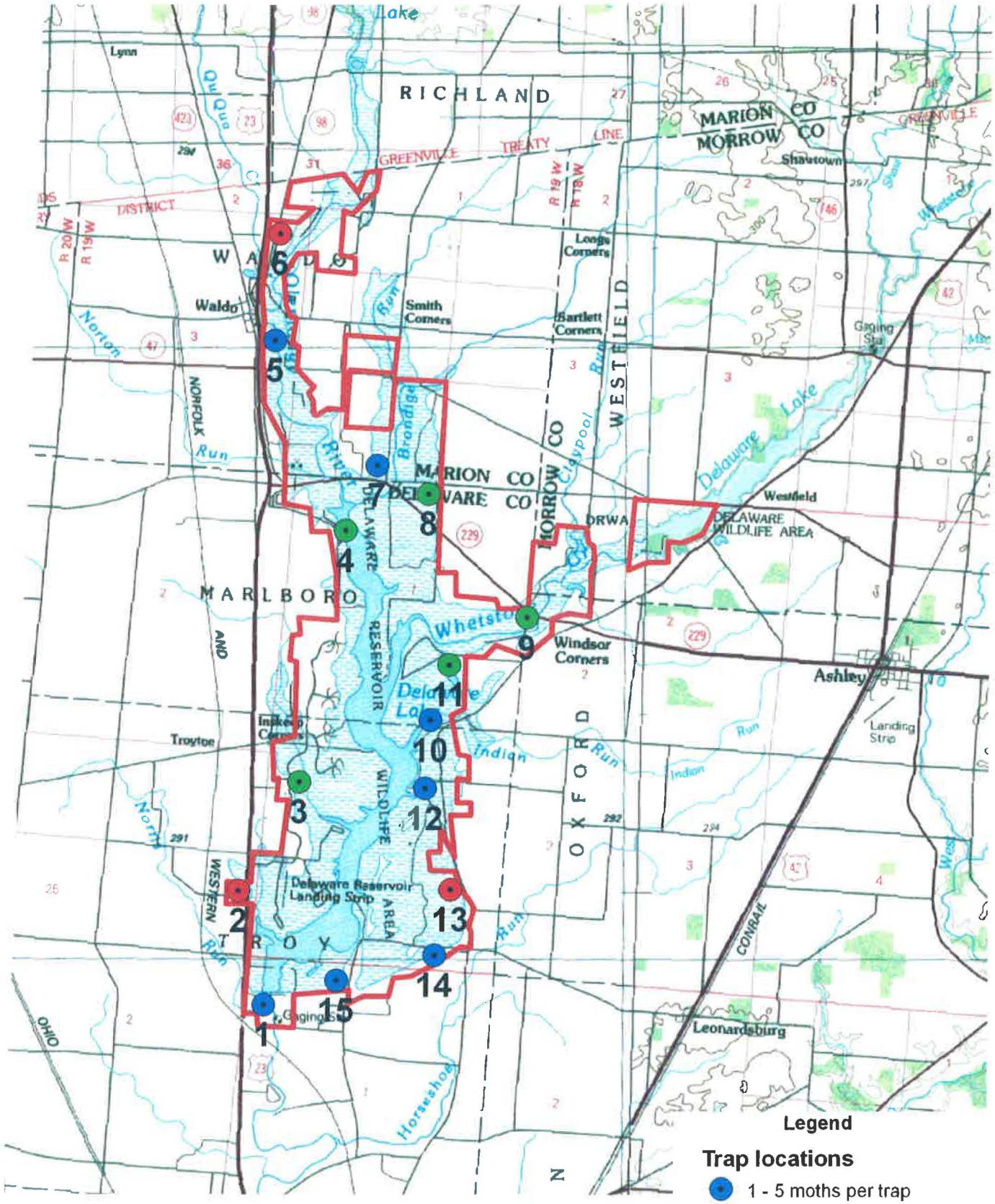


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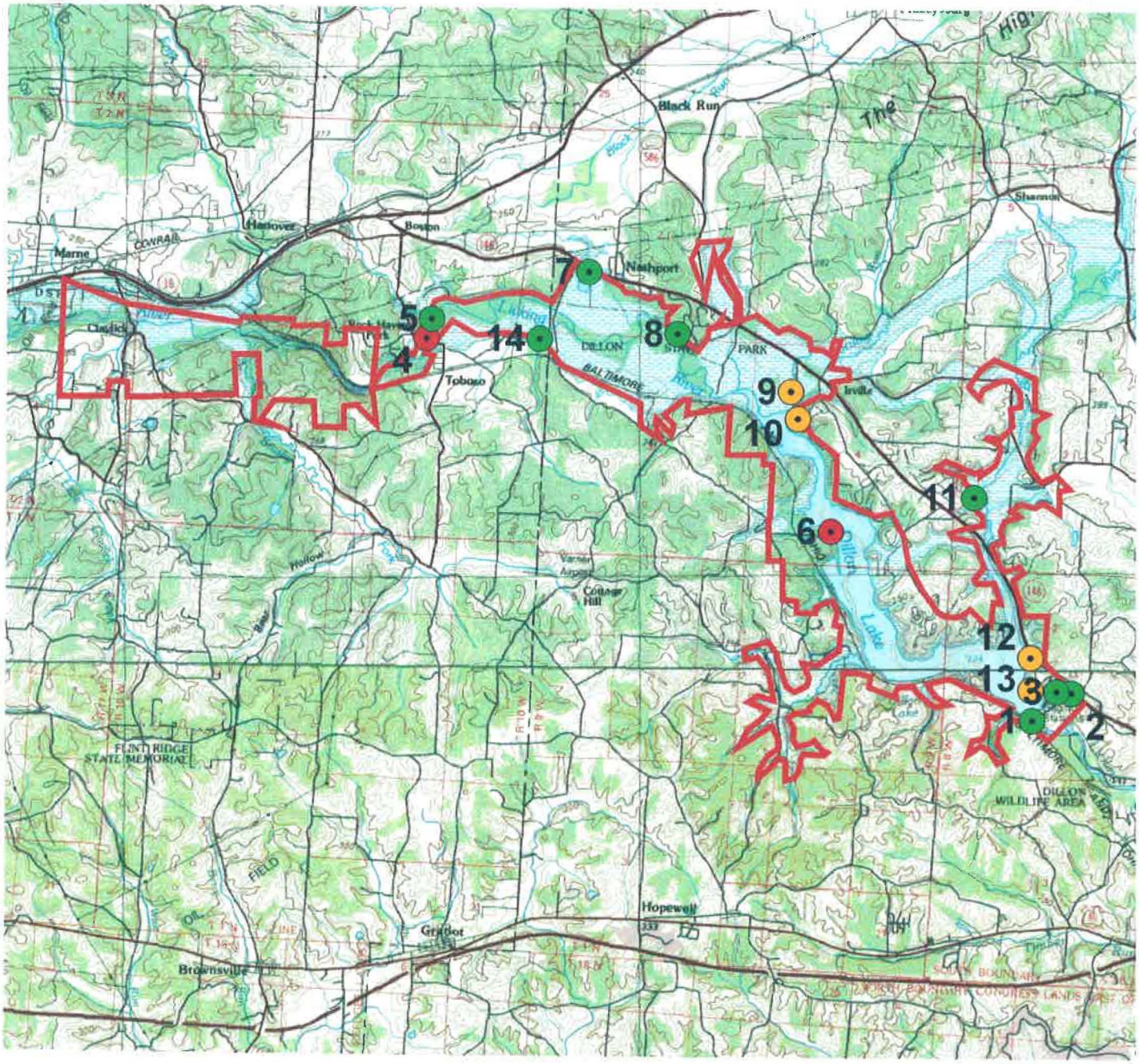
Figure 1d.--2008 gypsy moth trap locations at Dillion Lake.



Legend

Trap locations

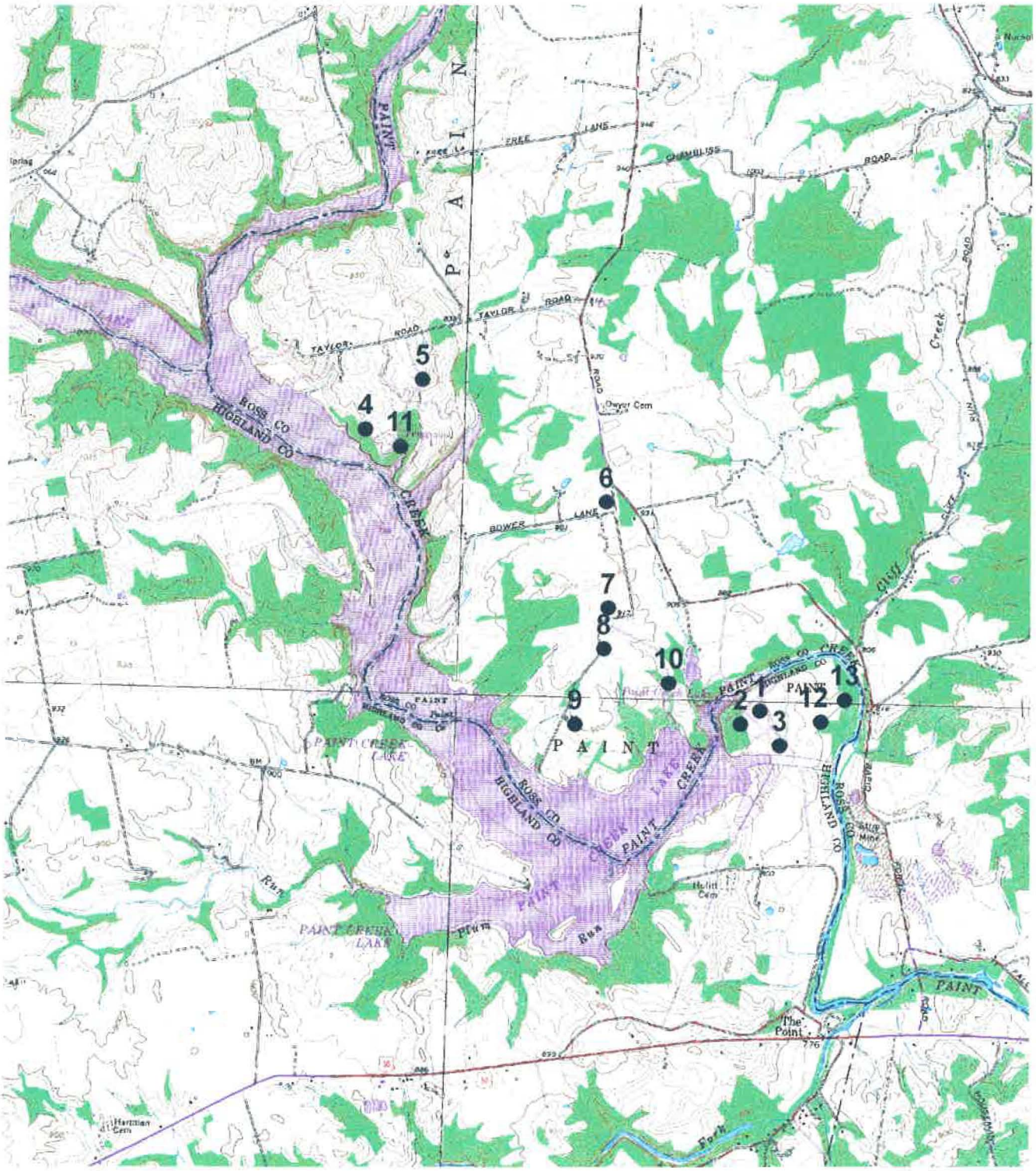
- 1 - 5 moths per trap
- 6 - 10 moths per trap
- 11 - 12 moths per trap
- Approximate Corps boundary

0 0.5 1 2 Miles

USDA Forest Service, State & Private Forestry, Morgantown, WV

2/09 KDF

Figure 1e.--2008 gypsy moth trap locations at Paint Creek Lake.



0 0.375 0.75 1.5 Miles

N W E S

Legend

Trap locations

● 0 moths per trap

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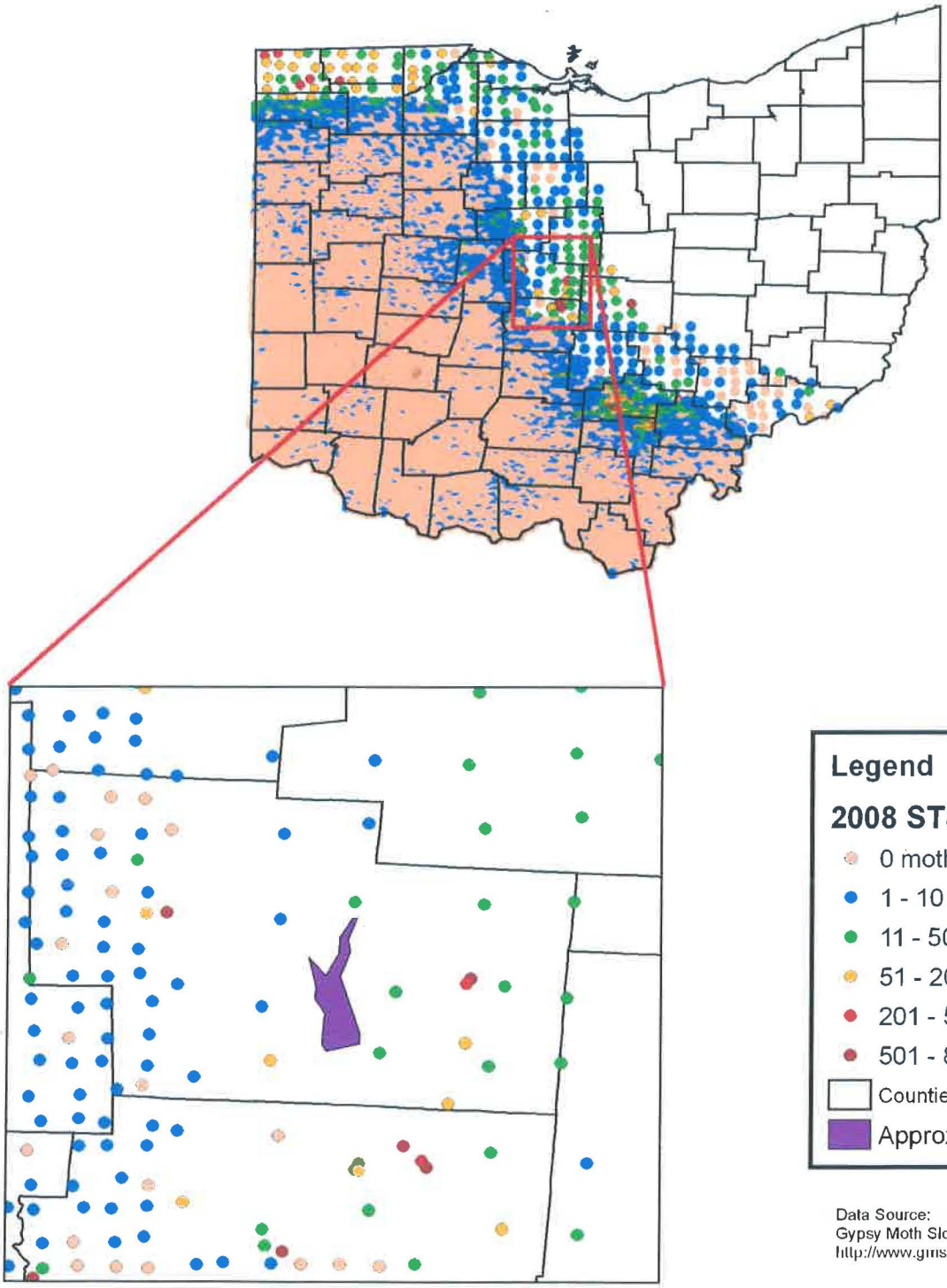
2/09 KDF

Figure 2a.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Alum Creek Lake.



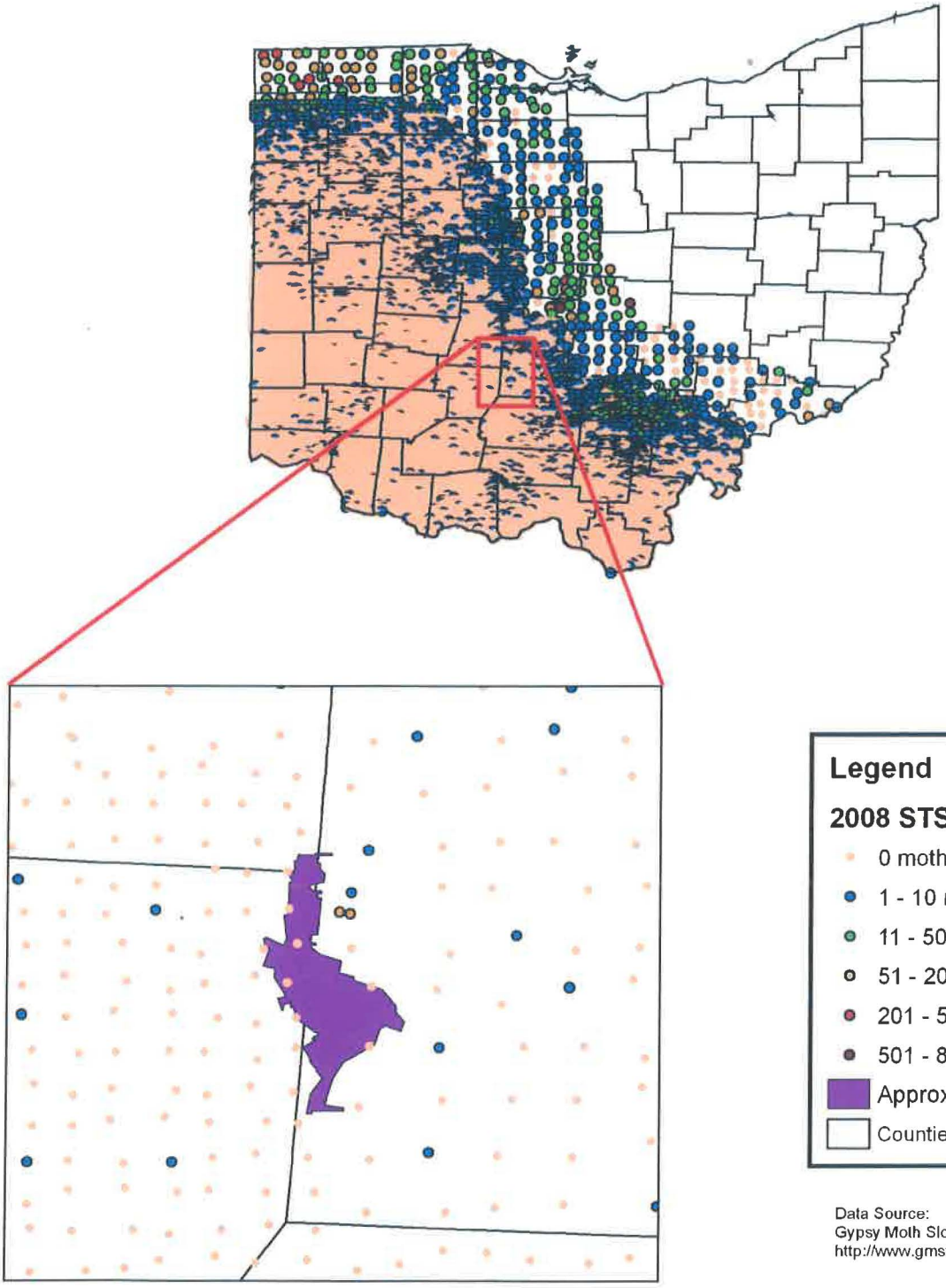
Legend

2008 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 879 moths per trap
- Counties
- Approximate Corp property

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2b.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Deer Creek Lake.



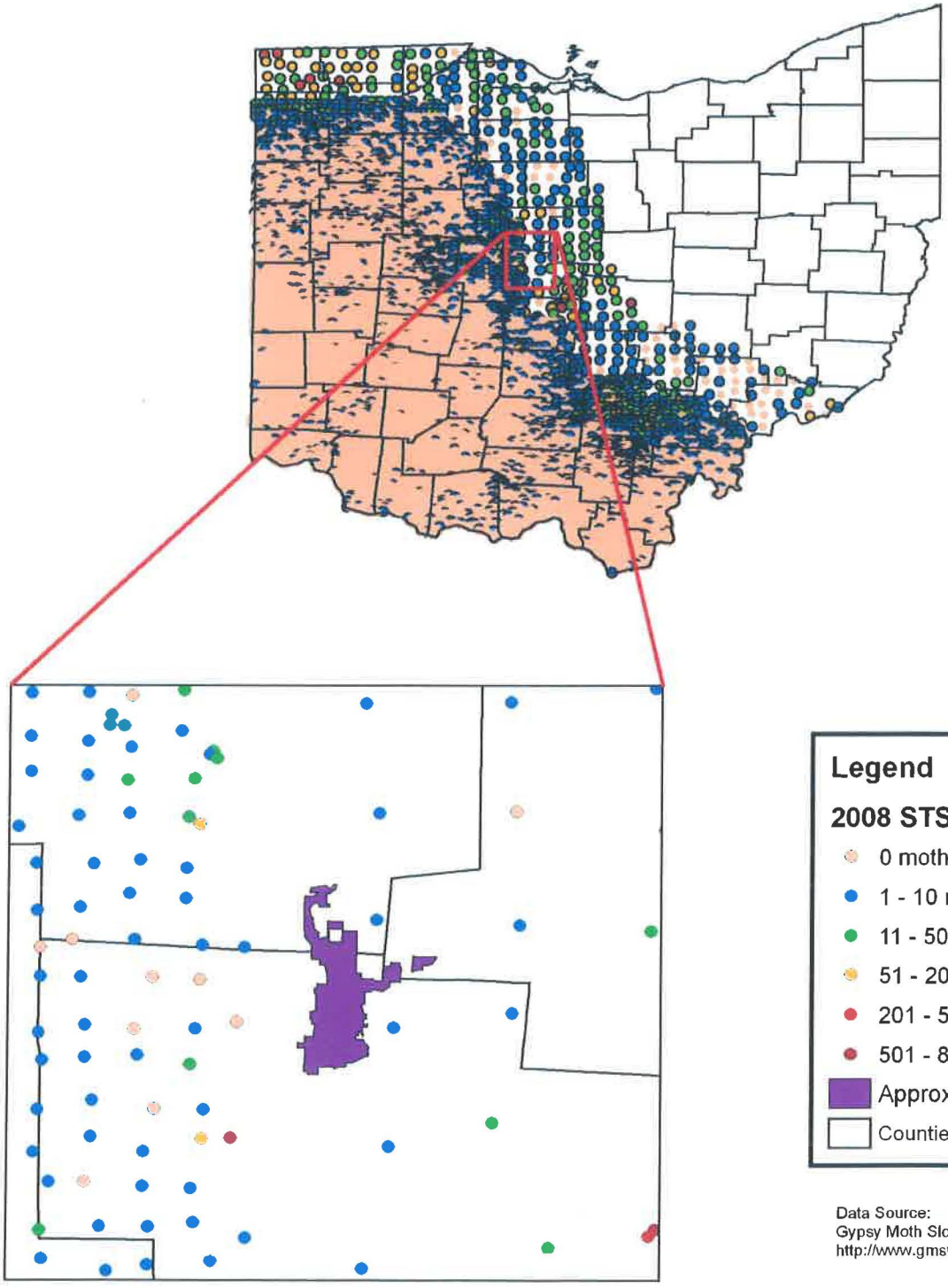
Legend

2008 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 879 moths per trap
- Approximate Project boundary
- Counties

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2c.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Delaware Lake.



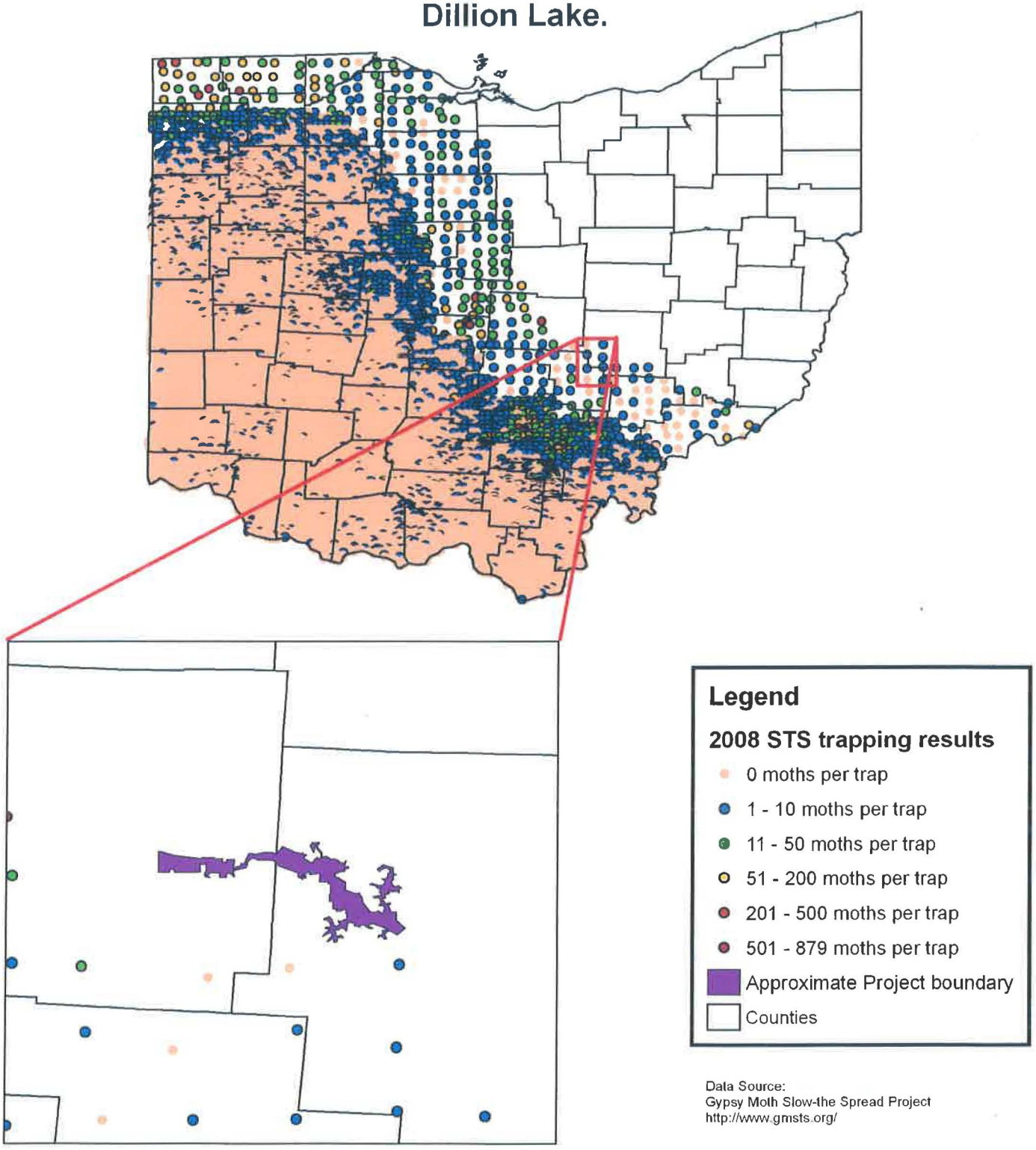
Legend

2008 STS trapping results

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 879 moths per trap
- Approximate Project boundary
- Counties

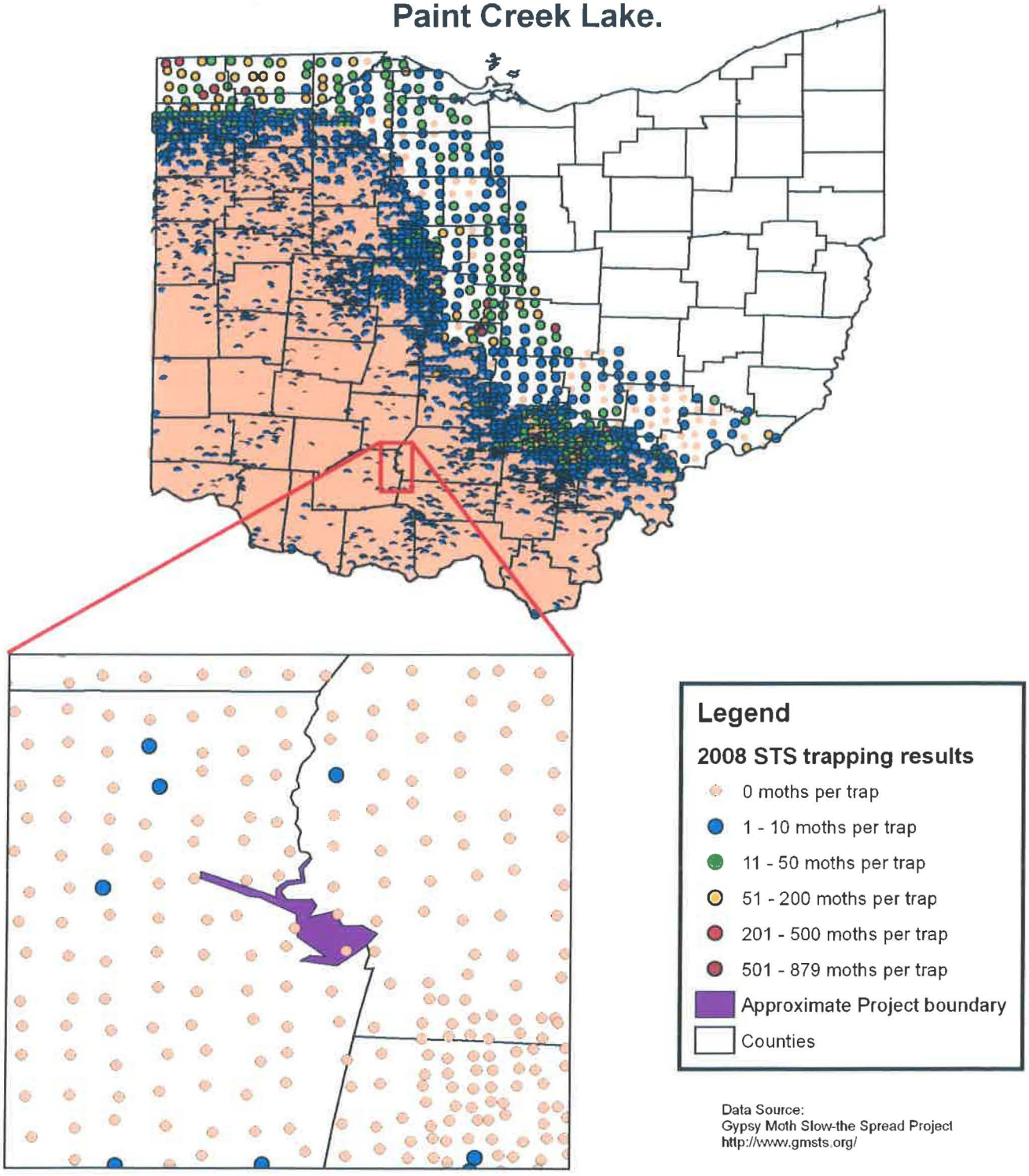
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2d.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Dillion Lake.


Legend
2008 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 879 moths per trap
Approximate Project boundary
Counties

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

Figure 2e.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Paint Creek Lake.


Legend
2008 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 879 moths per trap
Approximate Project boundary
Counties

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/